

REX3 Series



REX3-s



REX3-i



REX3-c

Dual Technologies Contactless & Contact Egress Device

Design Philosophy

- ♦ Individual Infrared or Capacitive technology is not the most ideal technology using in contactless egress application. However, when both technologies “combined” together, it will eliminate all the shortages. The button is not that “sensitive” to the surrounding environment but offers a reasonable sensing distance (5 to 8 cm).

Technology & Function

- ♦ Mechanical override works like a mechanical button, which offers as a backup when the electronic failure.
- ♦ When the device is activated, indicator light will change color with an audible tone – user friendly.
- ♦ “c” Version offers two working modes, which can be switched through the dipswitch: Latch Mode and Timing Mode. When Latch Mode, trigger the Exit Button, relay on; Retrigger the Exit Button, relay off. And in Timing Mode, relay on time can be set to 1~7sec.
- ♦ “i” & “s” version has icon indicators to alert the user for Door Held Open, Fire Alarm and Mains Failure situation.
- ♦ Build-in Door Chimer to interact with the “*” sign on Magic series Keypad reader.
- ♦ “s” version support Fire Alarm input, which will release the lock electronically via the relay when trigger. In addition, this version embedded a traditional Break Glass device with “test key”. When the glass is broken, both Visible and Auditable alert will trigger to provide better indication of the door location under emergency and release the electric lock mechanically via a built-in switch.

Friendly Installation



All inputs are 12Vdc & 24 Vdc protected.



Reverse power protection.



All input and output signals are protected against static charges.



Fit with UK standard gang box.

Model Number: A₁ A₂ A₃ D₁ D₂ D₃ D₄ – X₁

Products		Appearance And Function	
A ₁ A ₂ A ₃	REX = Egress Button	D ₁	3 = Dual Technologies
		D ₂	9 = UK Cover/China Cover
		D ₃	1 = Basic; 4 = with 433MHz remote
		D ₄	0 = Contactless
		X ₁	c = Low Cost i = iREX (+Speaker) s = SRED (+Speaker, + Break Glass)

Model	REX3-s	REX3-i	REX3-c
Functions			
Functional Specification			
Output	Dry contact output for 1 seconds (NC/ NO selectable)		1-7S selectable
RTE Output (dry contact)	NC/NO jumper selectable rated @ 30Vdc; 1A		NA
Mechanical Override	Available		
Tamper Protection	Available		NA
Remote Button (Optional)	433MHz or 315MHz (Max supports 5 remote buttons at the same time. Remote distance 4M-5M) 		
Alarm Output	Dry contact output follow the Fire input (NC/ NO selectable)		NA
Door Held Open	The icon will be changed to blue and beep every 5 seconds		NA
High/Low Level Input	High/Low level input jumper selectable		NA
Buzzer	Jumper enable/ disable		Activated by dipswitch
Main Power failure	The icon will change to orange when activated		NA
Fire Alarm	The icon will change to red, and siren will be activated.		NA
Fire Alarm Input	When triggered, the lock will be released and back lit flashes in Red & siren will be activated	When triggered, back lit will be flashed in Red the siren will be activated	NA
Speaker	Equipped for Door Chimer and Siren		NA
“Break Glass” Function	Hit the center of the panel	NA	
Technical Specifications			
Typical Read Range	5 - 8 cm		
Installation Requirement	Fit with UK standard gang box		
Dimension	92 (L) X 92 (W) X 8.5 (H) mm		
Weight	154g		

Operating Specification:

Operating Voltage	10 - 24VDC	Case material	PC + ABS
Operating Current	150mA (max @ 12Vdc)	Standard Color	Black & White
Operating Temperature	-20°C - 60°C	Operating Humidity	10% - 90%